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NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 43	Feb 13	CANCERLIT is no longer being updated

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

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                CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
                AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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FILE 'HOME' ENTERED AT 15:02:40 ON 20 FEB 2003

=> file medline, uspatful, dgene, embase
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.42       0.42

FILE 'MEDLINE' ENTERED AT 15:03:35 ON 20 FEB 2003

FILE 'USPATFULL' ENTERED AT 15:03:35 ON 20 FEB 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 15:03:35 ON 20 FEB 2003
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FILE 'EMBASE' ENTERED AT 15:03:35 ON 20 FEB 2003
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=> s islet neogenesis associated protein
L1          61 ISLET NEOGENESIS ASSOCIATED PROTEIN

=> s l1 and recombinant construct
L2           7 L1 AND RECOMBINANT CONSTRUCT

=> d l2 ti abs ibib tot

L2   ANSWER 1 OF 7  USPATFULL
TI     High level of expression of ingap in bacterial and euraryotic cells
AB     Removal of the nucleotide sequence encoding the signal peptide from the
       INGAP coding sequence allows cultured cells to express substantial
       amounts of INGAP activity. Previous attempts have provided only low
       yields of INGAP, possibly because the signal sequence of INGAP is toxic
       to the cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER:         1998:108255  USPATFULL
TITLE:                    High level of expression of ingap in bacterial and
                          euraryotic cells
INVENTOR(S):              Vinik, Aaron I., Norfolk, VA, United States
                          Pittenger, Gary L., Virginia Beach, VA, United States
                          Rafaeloff-Phail, Ronit, Chesapeake, VA, United States
                          Barlow, Scott W., Norfolk, VA, United States
PATENT ASSIGNEE(S):       Eastern Virginia Medical School of the Medical College
                          fo Hampton Roads, Norfolk, VA, United States (U.S.
                          corporation)
```

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5804421		19980908
APPLICATION INFO.:	US 1997-909725		19970812 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1996-741096, filed on 30 Oct 1996, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Longton, Enrique D.
LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 848
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAW64790 Protein DGENE
AB This sequence represents INGAP, an **islet neogenesis-associated protein**. This sequence is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAW64790 Protein DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N)EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 3 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAW64789 Protein DGENE
AB This cDNA sequence is the signal peptide of INGAP, an **islet neogenesis-associated protein**. This sequence is removed during the construction of a **recombinant construct** which has a having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAW64789 Protein DGENE
TITLE: Expression of **islet neogenesis-**

associated protein - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N) EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 4 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46422 cDNA DGENE
AB This cDNA sequence is an amplified PCR product of the **islet neogenesis-associated protein** (INGAP) which is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAV46422 cDNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N) EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 5 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46420 DNA DGENE
AB AAV46420 and AAV46421 are PCR primers used in the construction of a recombinant **islet neogenesis-associated protein** (INGAP) which has a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAV46420 DNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N) EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p

APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 6 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46419 cDNA DGENE
AB This cDNA sequence is the 5'-end of the **islet neogenesis-associated protein** (INGAP). This sequence is used in the construction of a **recombinant construct** having a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAV46419 cDNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N) EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

L2 ANSWER 7 OF 7 DGENE (C) 2003 THOMSON DERWENT
TI Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
AN AAV46421 DNA DGENE
AB AAV46420 and AAV46421 are PCR primers used in the construction of a recombinant **islet neogenesis-associated protein** (INGAP) which has a coding sequence lacking a signal sequence and which is operably linked to transcription and translation initiation sites. This construct in a host cell is useful for producing recombinant mature INGAP, which is useful in the treatment of diabetes. High levels of INGAP expression can be achieved in bacterial and eukaryotic cells by removing the signal peptide as it is possibly toxic to cells.
ACCESSION NUMBER: AAV46421 DNA DGENE
TITLE: Expression of **islet neogenesis-associated protein** - from **recombinant construct** lacking signal peptide, useful in the treatment of diabetes
INVENTOR: Barlow S W; Pittenger G L; Rafaeloff-Phail R; Vinik A I
PATENT ASSIGNEE: (EVIR-N) EASTERN VIRGINIA MEDICAL SCHOOL.
PATENT INFO: US 5804421 A 19980908 14p
APPLICATION INFO: US 1997-909725 19970812
PRIORITY INFO: US 1997-909725 19970812
US 1996-741096 19961030
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1998-505656 [43]

b345;s pn=us 5804421;t1/39/1
20feb03 10:39:59 User259289 Session D494.1
$0.00 0.079 DialUnits File415
$0.00 Estimated cost File415
$0.46 TELNET
$0.46 Estimated cost this search
$0.46 Estimated total session cost 0.079 DialUnits

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200306
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Set	Items	Description
S1	1	PN=US 5804421

Applicant

1/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14326486
Basic Patent (No,Kind,Date): WO 9818913 A1 19980507 <No. of Patents: 007>
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
AU 9750007	A1	19980522	AU 9750007	A	19971030	
AU 727237	B2	20001207	AU 9750007	A	19971030	
EP 1007647	A1	20000614	EP 97912942	A	19971030	
EP 1007647	A4	20010926	EP 97912942	A	19971030	
JP 2001502916	T2	20010306	JP 98520665	A	19971030	
US 5804421	A	19980908	US 909725	A	19970812	
WO 9818913	A1	19980507	WO 97US19415	A	19971030	(BASIC)

Priority Data (No,Kind,Date):
US 741096 A 19961030
WO 97US19415 W 19971030
US 909725 A 19970812
US 741096 B2 19961030

PATENT FAMILY:
AUSTRALIA (AU)
Patent (No,Kind,Date): AU 9750007 A1 19980522
HIGH LEVEL OF EXPRESSION OF INGAP (English)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO
Author (Inventor): VINIK AARON I; PITTENGER GARY I; RAFAELOFF RONIT; BARLOW SCOTT W
Priority (No,Kind,Date): US 741096 A 19961030; WO 97US19415 W 19971030
Applic (No,Kind,Date): AU 9750007 A 19971030
IPC: * C12N-015/00; C07H-021/04; C07K-001/22
CA Abstract No: * 128(26)318010E
Derwent WPI Acc No: * C 98-272209
Language of Document: English
Patent (No,Kind,Date): AU 727237 B2 20001207
HIGH LEVEL OF EXPRESSION OF INGAP (English)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO
Author (Inventor): VINIK AARON I; PITTENGER GARY I; RAFAELOFF RONIT; BARLOW SCOTT W
Priority (No,Kind,Date): US 741096 A 19961030; WO 97US19415 W 19971030
Applic (No,Kind,Date): AU 9750007 A 19971030
IPC: * C12N-015/00; C07H-021/04; C07K-001/22
CA Abstract No: * 128(26)318010E; 129(17)212539Q
Derwent WPI Acc No: * C 98-272209; C 98-505656

Searched by M. Smith

Language of Document: English

CANADA (CA)
Legal Status (No,Type,Date,Code,Text):
CA 2270412 P 19990429 CA REFW CORRESPONDS TO PCT APPLICATION (ENTSPRICHT PCT ANMELDUNG)
WO 9818913 P

EUROPEAN PATENT OFFICE (EP)
Patent (No,Kind,Date): EP 1007647 A1 20000614
HIGH LEVEL OF EXPRESSION OF INGAP (English; French; German)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)
Author (Inventor): VINIK AARON I (US); PITTENGER GARY I (US); RAFAELOFF RONIT (US); BARLOW SCOTT W (US)
Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A 19961030
Applic (No,Kind,Date): EP 97912942 A 19971030
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * C12N-015/00; C07H-021/04; C07K-001/22
CA Abstract No: * 128(26)318010E; 129(17)212539Q
Derwent WPI Acc No: * C 98-272209; C 98-505656
Language of Document: English
Patent (No,Kind,Date): EP 1007647 A4 20010926
HIGH LEVEL OF EXPRESSION OF INGAP (English; French; German)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)
Author (Inventor): VINIK AARON I (US); PITTENGER GARY I (US); RAFAELOFF RONIT (US); BARLOW SCOTT W (US)
Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A 19961030
Applic (No,Kind,Date): EP 97912942 A 19971030
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * C12N-015/00; C07H-021/04; C07K-001/22; C07K-014/47
CA Abstract No: * 128(26)318010E; 129(17)212539Q
Derwent WPI Acc No: * C 98-272209; C 98-505656
Language of Document: English

EUROPEAN PATENT OFFICE (EP)
Legal Status (No,Type,Date,Code,Text):
EP 1007647 P 19961030 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 741096 A 19961030
EP 1007647 P 19971030 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
WO 97US19415 W 19971030
EP 1007647 P 19971030 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 97912942 A 19971030
EP 1007647 P 20000614 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1007647 P 20000614 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
AL PAYMENT 19990519;LT PAYMENT 19990519;LV PAYMENT 19990519;RO PAYMENT 19990519;SI PAYMENT 19990519

Searched by M. Smith

EP 1007647 P 20000614 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1007647 P 20000614 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990519
EP 1007647 P 20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7C 12N 15/00 A, 7C 07H 21/04 B, 7C 07K 1/22 B, 7C 07K 14/47 B
EP 1007647 P 20010926 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1007647 P 20010926 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20010813
EP 1007647 P 20021009 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20020822

JAPAN (JP)
Patent (No,Kind,Date): JP 2001502916 T2 20010306
Priority (No,Kind,Date): WO 97US19415 W 19971030; US 741096 A 19961030
Applic (No,Kind,Date): JP 98520665 A 19971030
IPC: * C12N-015/09; C07K-001/22; C12N-001/15; C12N-001/19; C12N-001/21 ; C12N-005/10; C12P-021/02
CA Abstract No: * 128(26)318010E; 129(17)212539Q
Derwent WPI Acc No: * C 98-272209; C 98-505656
Language of Document: Japanese

UNITED STATES OF AMERICA (US)
Patent (No,Kind,Date): US 5804421 A 19980908
HIGH LEVEL OF EXPRESSION OF INGAP IN BACTERIAL AND EURARYOTIC CELLS (English)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)
Author (Inventor): VINIK AARON I (US); PITTENGER GARY L (US); RAFAELOFF-PHAIL RONIT (US); BARLOW SCOTT W (US)
Priority (No,Kind,Date): US 909725 A 19970812; US 741096 B2 19961030
Applic (No,Kind,Date): US 909725 A 19970812
National Class: * 435069100; 435252300; 435320100; 536023100; 536023500; 536024100; 530350000
IPC: * C12N-015/00
CA Abstract No: ; 129(17)212539Q
Derwent WPI Acc No: ; C 98-505656
Language of Document: English

UNITED STATES OF AMERICA (US)
Legal Status (No,Type,Date,Code,Text):
US 5804421 P 19961030 US AA PRIORITY US 741096 B2 19961030
US 5804421 P 19970812 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 909725 A 19970812
US 5804421 P 19971202 US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST EASTERN VIRGINIA MEDICAL SCHOOL OF THE

MEDICAL COLLEGE OF HAMPTON ROADS NORFOLK, ; VINIK, AARON I. : 19971021; PITTENGER, GARY L. : 19971021; RAFAELOFF-PHAIL, RONIT : 19971021; BARLOW, SCOTT W. : 19971021

US 5804421 P 19980908 US A PATENT

US 5804421 P 20001121 US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000908

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
Patent (No,Kind,Date): WO 9818913 A1 19980507
HIGH LEVEL OF EXPRESSION OF INGAP (English)
Patent Assignee: EASTERN VIRGINIA MEDICAL SCHOO (US)
Author (Inventor): VINIK AARON I; PITTENGER GARY I; RAFAELOFF RONIT; BARLOW SCOTT W
Priority (No,Kind,Date): US 741096 A 19961030
Applic (No,Kind,Date): WO 97US19415 A 19971030
Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI ; FR; GB; GR; IE; IT; LU; MC; NL
Filing Details: WO 100000 With international search report
IPC: * C12N-015/00; C07H-021/04; C07K-001/22
CA Abstract No: ; 128(26)318010E
Derwent WPI Acc No: ; C 98-272209
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
Legal Status (No,Type,Date,Code,Text):

WO 9818913 P 19961030 WO AA PRIORITY (PATENT) US 741096 A 19961030

WO 9818913 P 19971030 WO AE APPLICATION DATA (APPL. DATA) WO 97US19415 A 19971030

WO 9818913 P 19980507 WO AK DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW AM AZ BY KG KZ MD RU TJ TM

WO 9818913 P 19980507 WO AL DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL

WO 9818913 P 19980507 WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)

WO 9818913 P 19980730 WO DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

WO 9818913 P 19980916 WO 121 EP: PCT APP. ART. 158 (1)

(EP: PCT ANM. ART. 158 (1))

WO 9818913 P 19990429 WO ENP ENTRY INTO THE NATIONAL PHASE IN:
CA 2270412 AA

WO 9818913 P 19990430 WO ENP ENTRY INTO THE NATIONAL PHASE IN:
JP 98520665 A

WO 9818913 P 19990902 DE 8642/REG IMPACT ABOLISHED FOR DE (WIRKUNG WEGGEFALLEN FUER DE)

?